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| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Gln | Asn | Asn | Glu | Thr | Gly | Ser | Ala | Pro | Ser | Thr | Pro | Val | Asp | Ser | Ser |
| | | | 20 | | | | | 25 | | | | | 30 | | |

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Lys | Ala | Pro | Ser | Thr | Pro | Ser | Ser | Thr | Gln | Ser | Asn | Ser | Thr | Met | Ala |
| | 35 | | | | | | 40 | | | | | 45 | | | |

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Ser | Ser | Val | Ser | Leu | Leu | Pro | Pro | Leu | Met | Lys | Gly | Ala | Arg | Pro | Ala |
| | 50 | | | | | 55 | | | | | 60 | | | | |

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Thr | Glu | Glu | Ala | Arg | Gln | Asp | Leu | Pro | Arg | Pro | Tyr | Lys | Cys | Pro | Leu |
| 65 | | | | | 70 | | | | | 75 | | | | | 80 |

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Cys | Asp | Arg | Ala | Phe | His | Arg | Leu | Glu | His | Gln | Thr | Arg | His | Ile | Arg |
| | | | | 85 | | | | | 90 | | | | | 95 | |

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Thr | His | Thr | Gly | Glu | Lys | Pro | His | Ala | Cys | Gln | Phe | Pro | Gly | Cys | Thr |
| | | | 100 | | | | | 105 | | | | | 110 | | |

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Lys | Arg | Phe | Ser | Arg | Ser | Asp | Glu | Leu | Thr | Arg | His | Ser | Arg | Ile | His |
| | 115 | | | | | | 120 | | | | | 125 | | | |

| | | | | | | | | | | | | | | | |
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| Asn | Asn | Pro | Asn | Ser | Arg | Arg | Ser | Asn | Lys | Ala | His | Leu | Ala | Ala | Ala |
| | 130 | | | | | 135 | | | | | 140 | | | | |

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Ala | Ala | Ala | Ala | Ala | Ala | Gly | Gln | Gly | Gln | Glu | Asn | Ala | Met | Val | Asn |
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| | | | | | | | | | | | | | | | |
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| | | | | 165 | | | | | 170 | | | | | 175 | |

| | | | | | | | | | | | | | | | |
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| Arg | Ser | Ala | Pro | Val | Ser | Gln | Val | Gly | Ser | Pro | Asp | Val | Ser | Pro | Pro |
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| | | | | | | | | | | | | | | | |
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| His | Ser | Phe | Ser | Asn | Tyr | Ala | Gly | His | Met | Arg | Ser | Asn | Leu | Gly | Pro |
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| Tyr | Ala | Arg | Asn | Thr | Glu | Arg | Ala | Ser | Ser | Gly | Met | Asp | Ile | Asn | Leu |
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Phe His Ala Gly Pro Arg Asn His His Leu Phe Ala Ser Arg His His
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Thr Gly Arg Gly Leu Pro Ser Leu Ser Ala Tyr Ala Ile Ser His Ser
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Val Lys Arg Ser Arg Pro Asn Ser Pro Asn Ser Thr Ala Pro Ser Ser
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Pro Thr Phe Ser His Asp Ser Leu Ser Pro Thr Pro Asp His Thr Pro
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Glu Leu His Leu Pro Ser Ile Arg His Leu Ser Leu His His Thr Pro
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Ala Leu Ala Pro Met Glu Pro Gln Pro Glu Gly Pro Asn Tyr Tyr Ser
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Pro Ser Gln Ser His Gly Pro Thr Ile Ser Asp Ile Met Ser Arg Pro
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Asp Gly Thr Gln Arg Lys Leu Pro Val Pro Gln Val Pro Lys Val Ala
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Val Gln Asp Met Leu Asn Pro Ser Ala Gly Phe Ser Ser Val Ser Ser
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Ser Thr Asn Asn Ser Val Ala Gly Asn Asp Leu Ala Glu Arg Phe
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